

COMPOUNDS FOR DUAL PHOTODIAGNOSIS AND PHOTOTHERAPY

ABSTRACT

The invention discloses compounds and compositions for dual phototherapy and combined therapy and diagnosis of tumors and other lesions. The compounds have a Dye that, when photoactivated, operates via Type I and/or Type II mechanisms. Other Dye or azide components may operate by

5 the same or different mechanisms. Selection of particular components in a compound, and formulation of the compound(s) in a composition permit different activation wavelengths to be used for different therapies. A targeting moiety may be added to the compound or composition so that the Dye locates

10 at a particular site, such as a hormone-sensitive tumor, for diagnosis and/or treatment. The compounds and compositions may be incorporated within liposomes.